

Supplementary Material

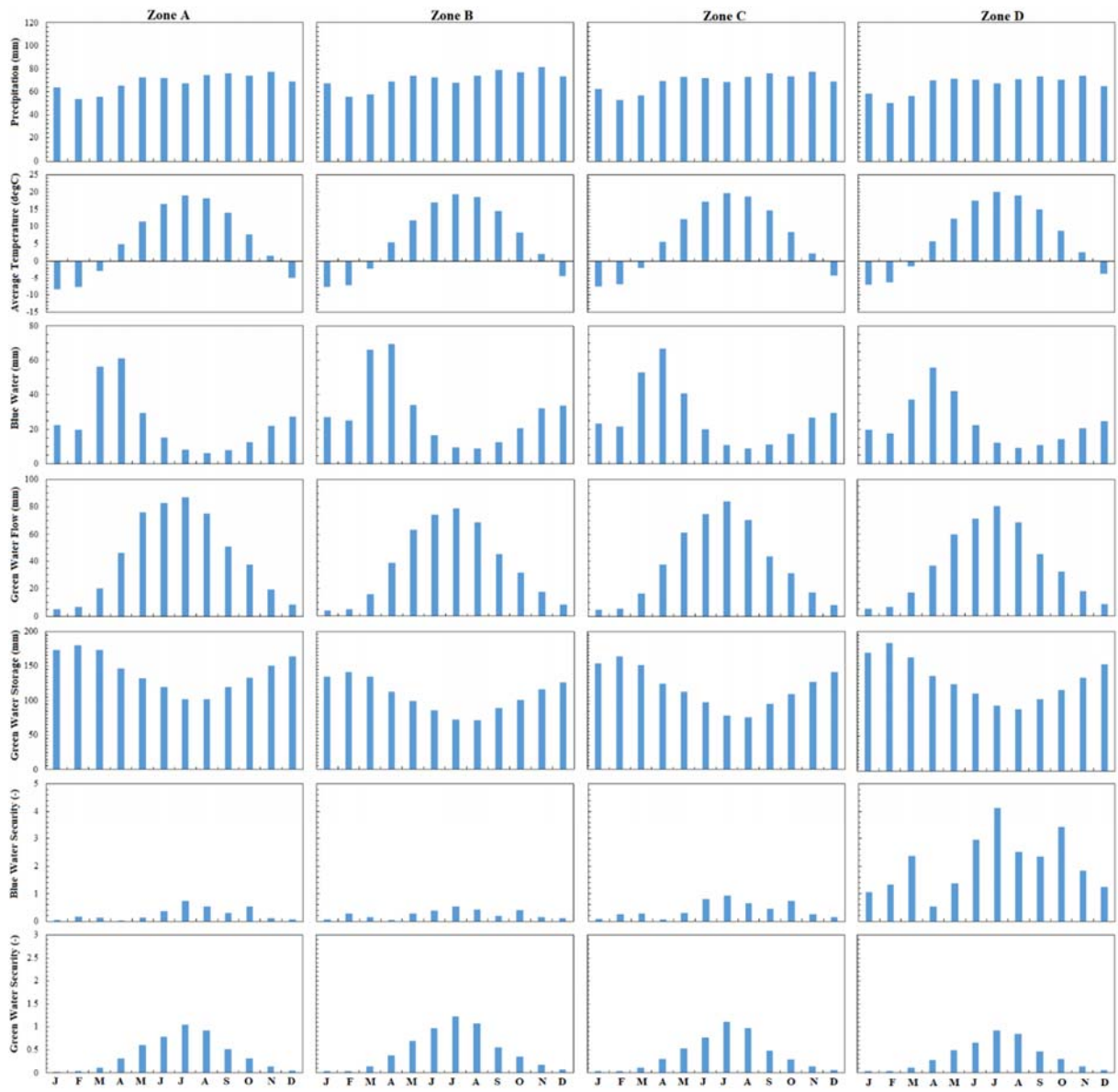


Figure S1a: Monthly variability in different water resources components in Zone A-D of the GRW (Blue water scarcity calculated using Presumptive Standards method).

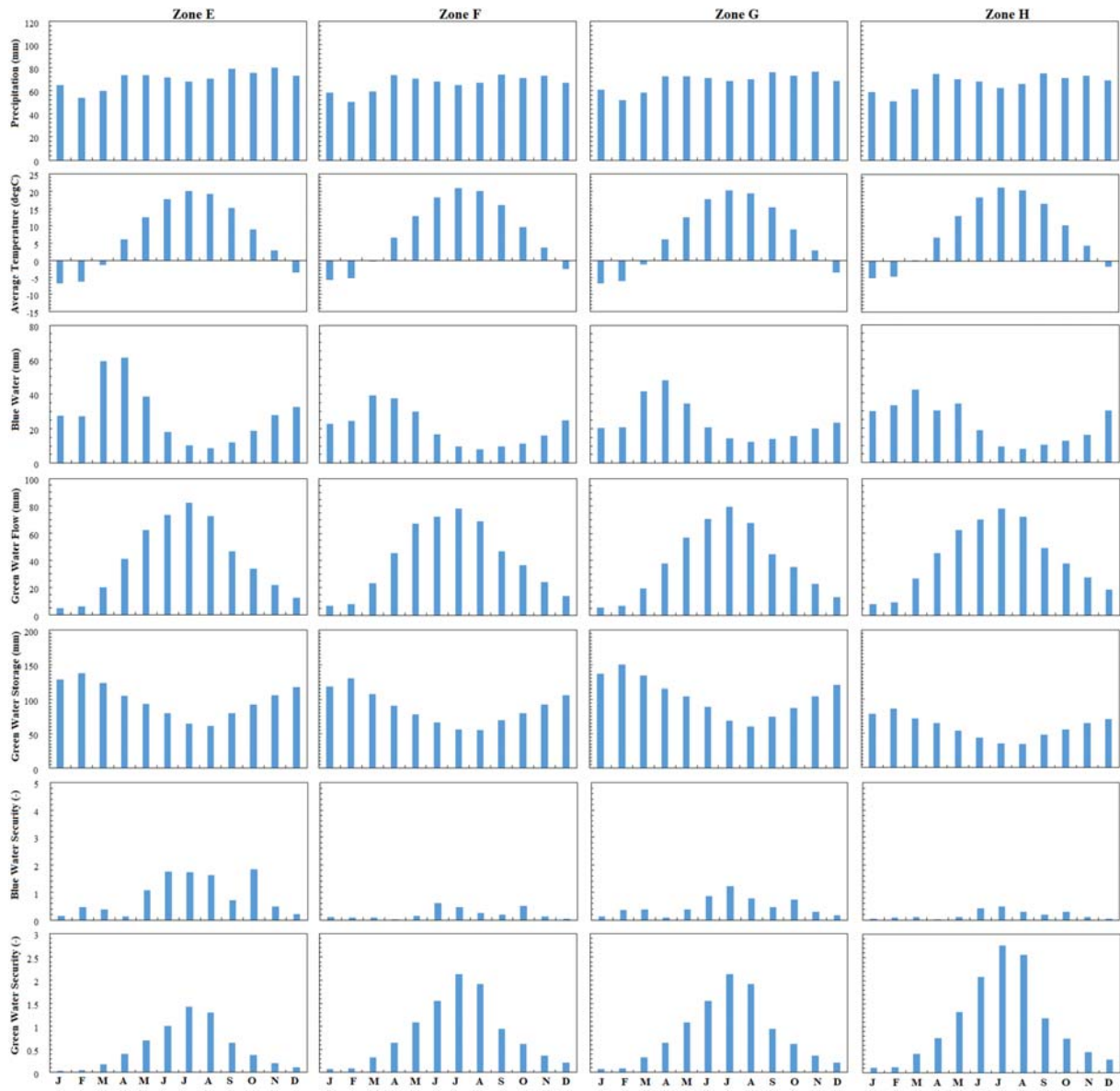


Figure S1b: Monthly variability in different water resources components in Zone E-H of the GRW (Blue water scarcity calculated using Presumptive Standards method)

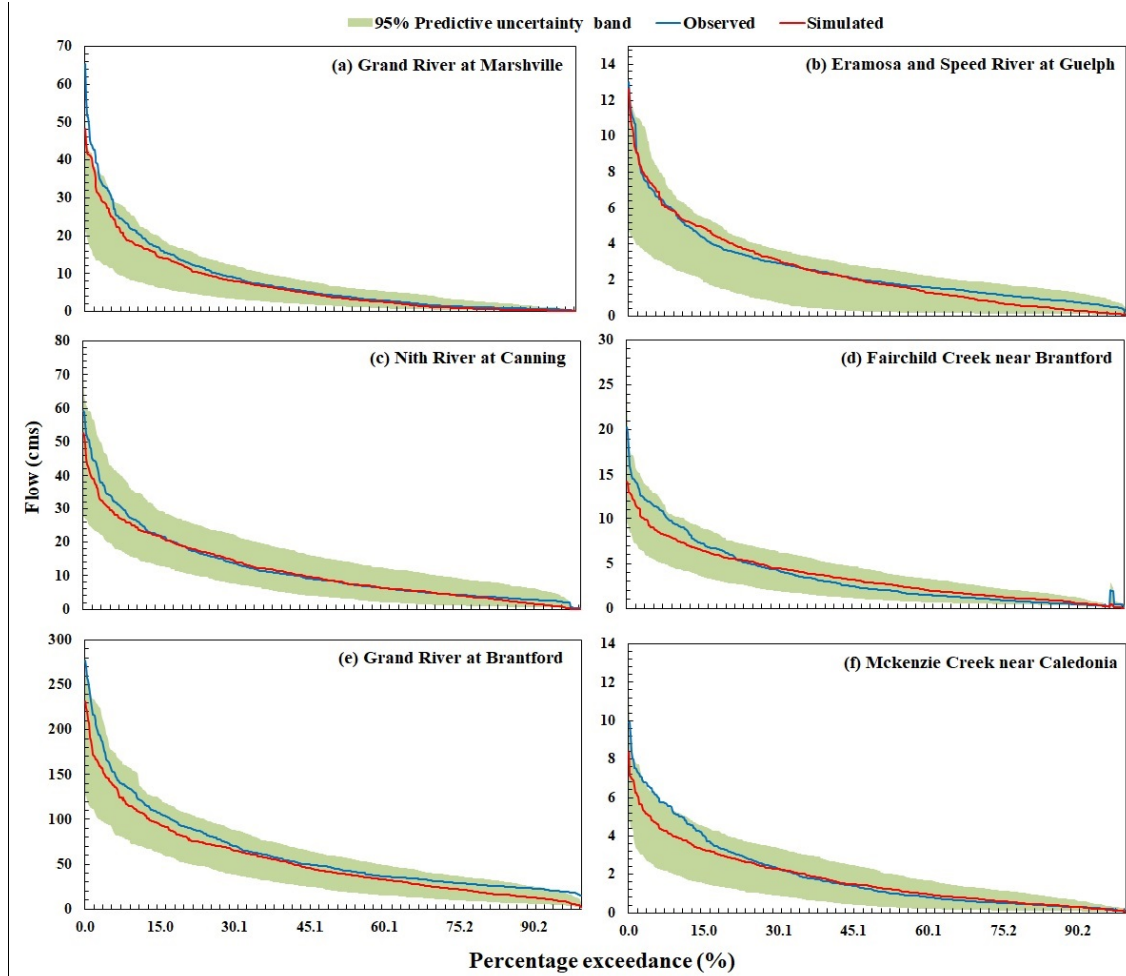


Figure S2: Flow duration curves showing the observed and simulated monthly flow for six gauging stations

Table S1: Attribution of blue water for environmental flow requirement using different methods

Zones	Modified $Q_{7,10}$	Variable Monthly Flow (VMF)	Presumptive Standard
A	10%	36%	79%
B	8%	34%	79%
C	14%	35%	80%
D	19%	34%	78%
E	10%	35%	79%
F	10%	32%	77%
G	14%	36%	80%
H	21%	35%	80%
Mean	13%	35%	79%
Std.	5%	2%	1%